



SIGN	DATE	DESCRIPTION	APPROVER
△	01/27'07	The Soldering temperature from 245° to 250°	Aaron
△	01/27'07	Add "VDE" stipulation	Aaron
△	8/6'07	The dimension is changed from 12.6 to 13.0	Marvin
△	8/6'07	The body bottom is changed.	Marvin
THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!			

#### Material

- Item 1 Insulating body Thermoplastic ( UL94V-0 )
- Item 2 Insulating lever Thermoplastic ( UL94V-0 )
- Item 3 Contact pin Brass, Tin plated
- Item 4 Spring clamp Stainless steel

#### △ Electrical cULus/VDE

- Voltage rating: 300VAC/250VAC
- Current rating: 10A/10A
- Wire range: 0.5-1.0mm<sup>2</sup>
- Solid wire(AWG): 16-20
- Stranded wire(AWG): 16-20
- Wire strip length: 8-9mm
- Withstanding Voltage: 1.6KV/2KV
- Operating temperature: -40°C to +115°C
- Soldering temperature: 250°C±10°C/5 Sec
- Safety Approval:



PART NO.

HF xx 70 x 0 0000 G

Poles		Color		RoHS
02	2Contacts	8	Grey ( RAL 7004/P )	Pb<40,000ppm
03	3Contacts	9	Orange	
24	24Contacts			

Poles	02	03	04	05	06	07	08	09	10	11	12	13
Dim L	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00
Dim B	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00
TOL	±0.15					±0.20					±0.25	
Poles	14	15	16	17	18	19	20	21	22	23	24	
Dim L	70.00	75.00	80.00	85.00	90.00	95.00	100.0	105.0	110.0	115.0	120.0	
Dim B	65.00	70.00	75.00	80.00	85.00	90.00	95.00	100.0	105.0	110.0	115.0	
TOL	±0.25					±0.30						

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TITLE		HF-5.0mm Series Low profile type				
PART NO.		HFxx70x00000G			DWG NO.	8HF0001
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance	
	Marvin	Marvin	Marvin	SHEET: 01/01		X. ±0.50
	2008.02.21	2007.08.06	2007.08.06			X.X ±0.30
				UNIT: mm	SCALE: NONE	X.XX ±0.10
				REV.: F		X° ±1°

# Mouser Electronics

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## Amphenol:

<a href="#"><u>HF1170800000G</u></a>	<a href="#"><u>HF1970800000G</u></a>	<a href="#"><u>HF1770800000G</u></a>	<a href="#"><u>HF0670800000G</u></a>	<a href="#"><u>HF1570800000G</u></a>	<a href="#"><u>HF1470800000G</u></a>
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